A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H05B41/392

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H05B} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 5 113 085 A (SCHAEFER ET AL) 12 May 1992 (1992-05-12)	1–10
Y	column 1, line 64 - column 2, line 27 column 3, line 61 - column 7, line 33 figures 1-3	11-38
Υ	US 6 369 518 B1 (KELLY TIMOTHY L ET AL) 9 April 2002 (2002-04-09) figures 1,2,4 column 2, line 25 - line 52 column 3, line 14 - column 5, line 34	11-38
A	US 4 350 930 A (PEIL ET AL) 21 September 1982 (1982-09-21) column 13, line 36 - line 39; figure 2	34-38

X Further documents are listed in the continuation of box C:	χ Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 14 February 2005	Date of mailing of the International search report 28/02/2005
Name and malling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Silva, João Carlos

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
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A	RUTAN D ET AL: "PRACTICAL APPLICATION OF PULSED HIGH PRESSURE SODIUM LAMP TECHNOLOGY" JOURNAL OF THE ILLUMINATING ENGINEERING SOCIETY, ILLUMINATING ENGINEERING SOCIETY. NEW YORK, US, vol. 21, no. 1, 21 December 1992 (1992-12-21), pages 60-68, XP000315313 ISSN: 0099-4480 the whole document	1-38
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